

AMENDED CLAIMS

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Original claims 1 to 14 replaced by new claims 1 to 15 (2 pages).]

1. A monitoring device for a rechargeable personal portable device of the type
5 having a main body to which is attached a display, said monitoring device being
coupled to a portion of said main body at least temporarily and including at least one
optical device provided for calibrating the display, the monitoring device including
means for recharging a battery of the personal portable device.
- 10 2. A monitoring device according to claim 1 wherein said optical device
comprises a light sensor.
3. A monitoring device according to claim 2, wherein said light sensor is spaced
away from said display during monitoring of the display by the monitoring device.
- 15 4. A monitoring device according to claim 1 wherein said monitoring device is a
cradle.
5. A monitoring device according to claim 1 wherein a pixel of said display is
20 driven so that its emitted light is modulated and wherein the modulated light is
detected by means selective to the modulation.
6. A monitoring device according to claim 1 wherein a pixel of said display is
driven so that its emitted light is modulated by a repetitive signal and wherein the
25 modulated light is detected by means selective to the repetition rate of said signal.
7. A monitoring device according to claim 2 wherein said light sensor is a camera.
8. A monitoring device according to claim 1 wherein said portable device is a
30 laptop computer and said optical device is a camera..

9. A monitoring device according to claim 7 wherein said camera is of lower resolution than said display.

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10. A monitoring device according to claim 1 wherein said optical device is a camera having a lens with an optical axis and having a sensor array the plane of which is oblique to the optical axis.

10 11. A monitoring device according to claim 1 wherein said portable device has a main body with a hinge for a display at one end of the main body and wherein said optical device is a camera placed near an opposite end of the main body.

12. A monitoring device according to claim 1 wherein said monitoring device
15 comprises an electrical connector carrying an optical device used for calibration of said display.

13. A monitoring device according to claim 1 wherein said display is an OLED display.

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14. A monitoring device according to claim 1 wherein said optical device is a reflector serving to reflect light from the display towards the optical device.

15. A monitoring device according to claim 1 wherein said optical device is a light-
25 guide serving to direct light from the display to a light sensor.